In the Claims:

Please add new claims 81 100 as follows:

- -- 81. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hRUP4(V272K).
 - 82. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 81.
- 83. A Plasmid comprising a Vector and the cDNA of claim 81.
- 84. A Host Cell comprising the Plasmid of claim 83.
- A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN9(G223K).
- A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 85.
- 87. A Plasmid comprising a Vector and the cDNA of claim 85.
- 88. A Host Cell comprising the Plasmid of claim 87.
- A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hCHN10(L231K).
- 90. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 89.

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- 91. A Plashid comprising a Vector and the cDNA of claim 89.
- 92. A Host Cell comprising the Plasmid of claim 91.
- 93. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hGPR38(V297K).
- 94. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 93.
- 95. A Plasmid comprising a Vector and the cDNA of claim 93.
- 96. A Host Cell comprising the Plasmid of claim 95.
- 97. A cDNA encoding a non-endogenous, constitutively activated version of a human G protein-coupled receptor comprising hTDAG8(I225K).
- 98. A non-endogenous version of a human G protein-coupled receptor encoded by the cDNA of claim 97.
- 99. A Plasmid comprising a Vector and the cDNA of claim 97.
- 100. Host Cell comprising the Plasmid of claim 99. --

In the Sequence Listing:

Please insert pages 1-87 comprising the Sequence Listing.

REMARKS

New claims 81-100 have been added. Support for new claims 81-100 can be found through the application as originally filed. No new matter has been added.